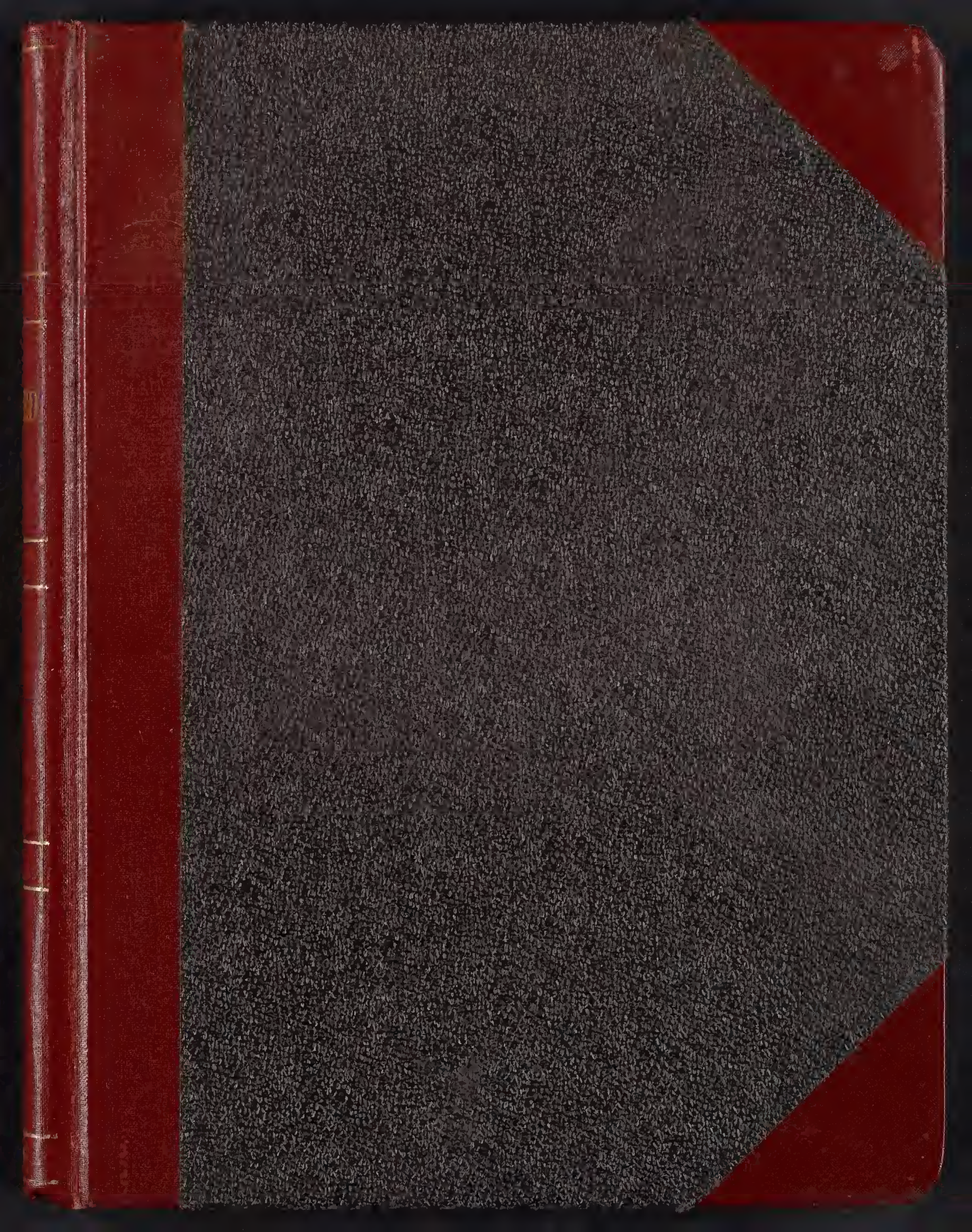




THIS BOOK BELONGS TO

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CLASS OF________________

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HARVARD COOPERATIVE SOCIETY
CAMBRIDGE, MASS.

Le Gallo. Antilles Françaises
3601 –

3601

3602 Teloschistes flavicans (Sw) Mull Arg

3603 Parmeliella pannosa (Sw) Mull Arg

3604

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3608

3609 Anaptychia hypoleuca (Muhlenb) Mass.; Anaptychia podocarpa v. conferta Vainio

3610 Parmelia (Amphigymnia) antillensis Nyl.

3611 Parmelia (Amphigymnia) mesogenes Nyl. sterile

3612 Parmelia (Amphigymnia) martinicana Nyl.

3613 Parmelia (Hypotrachynae) heteroloba Zahlb

3614 Graphina sulcata Fink; Pertusaria intermedia Vainio

3615 Stictina Weigelii v schizophylliza Nyl.

3616 Leptogium azureum (Sw) Mont

3617 Physcia obsessa (Mont) Nyl.

3618 Ramalina anceps Nyl.

3619 Ramalina Usnea (L) Howe; Ramalina dasypoga Tuck.

3620 Parmelia (Hypotrachynae) tropica Vainio

3621 Ocellularia Lindigiana Mull Arg.; Graphis rufula Mont. ? immature

3622 Leptogium azureum (Sw) Mont

3623 Stictina Beauvoisii (Del)

3624 Parmelia (amphigymnia) perforata v dissecta Mull Arg; Pyrenula subpraelucida Mull Arg
Leptotrema rhodotheceum (Vainio) Zahlbr.

3625 Pyxine fusca (Fée) Vainio

3626 Graphis duplicata Ach.; (g) Phaeographis Cascarillae (Fée) Müll Arg.; (c) Anthracothecium albescens (Nyl) Müll Arg.; (d) Lecanora subfusca v testaceopallida Müll Arg.: Buellia subfuscata (?) Müll Arg.
3627 Graphis lecanorina Ach.; Phaeographis albida (Vainio) Zahlbr.; Arthonia polymorpha Ehl.; Lecanora subfusca v testaceopallida Müll Arg.

8 Parmelia (Hypotrachyna) jamaicensis Vainio

4 Leptogium azureum (Sw) Mont sterile

30 Graphis

1 Fouragea filicina (Mont) Trev.

2 Physcia lacinulata Müll Arg

3 Leptogium vesiculosum (Sw) Malme

4 Arthothelium aphanocarpum (Nyl) Zahlbr.
4 bis on cement Chiodecton sanguineum (Sw) Vainio margin very pale.
5 Leptogium azureum (Sw) Mont

6 Anaptychia granulifera v Antillarum Vainio

7 Parmelia (Xanthoparmelia) decipiens (Vainio) Gyelnik

8 Sarcographa tricosa (Ach) Müll Arg.

9 Anaptychia hypoleuca (Muhlenb) Vainio

40 Ramalina subanceps Nyl.

1 Phaeographis serpentinella (Nyl.) Zahlbr

2 Teloschistes flavicans (Sw) Norman

3 Parmelia (Amphigymnia) dominicana Vainio

4 Parmelia (Amphigymnia) dominicana Vainio
4B Leptogium denticulatum Malme non Nyl
5 Parmelia (Amphigymnia) dominicana Vainio

6 Anaptychia granulifera (Ach) Mass

7 Parmelia (Amphigymnia) martinicana Nyl.

8 Usnea subhirta (Vainio) Motyka; Ramalina Sintenisii Müll Arg; Teloschistes flavicans (Sw) Norm

9 Usnea peruviana Motyka

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3651

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7 Coccocarpia cronia (Tuck.) Vainio; Caloplaca Jamna (Vainio) Zahlbr.

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9 Graphis tenellula Vainio

70 Parmelia (Hypotrachyna) laevigatula Nyl.

1 Parmelia (Xanthoparmelia) decipiens (Vainio) Gyelnik

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4 Coccocarpia pellita (Ach.) Mull. Arg.

5 Anaptychia granulifera (Ach.) Mass.

3676 Parmelia (Hypotrachynae) isidiza v domunguensis Vainio

7 Graphis tenellula Vainio

8 Leptogium denticulatum Malme non Nyl.

9 Usnea subhirta (Vainio) Motyka

80 Parmelia (Hypotrachynae) Hueriote (Hue)

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6 Leptogium (Leptogiopsis) adpressum Nyl.; Coccocarpia cronia v granulosa (Mull Arg) Dodge

7 Leptogium coralloideum (Mey & Fw) Vainio

8 Anthracothecium albescens (Nyl) Mull Arg; Anthracothecium maculare Zahlbr; Arthonia [illegible] Nyl

9 Graphis rigida Mull Arg; Lecanora Testaceopallida (Mull Arg) Dodge

90 Pyrenula microspora (Vainio) Dodge; Anthracothecium mucosum (Vainio) Z.; Arthonia Dussii Vainio

1 Parmelia (Amphigymnia) antillensis Nyl.

2 Graphis duplicata Ach; Glyphis ~~duplicata~~ favulosa Ach. Anthracothecium planiusculum (Nyl) ~~[illegible]~~ [illegible]

3 Leptogium azureum (Sw) Mont

4

5 Sticta Weigelii v schizophylliza (Nyl) Stzbgr

5A Sticta beauvoisii (Del)

6 Leptogium phyllocarpum (Pers.) Mont

7 Pyrenula microspora (Vainio) Dodge; Pertusaria stramineocarnea [illegible]

8 Lecanora testaceopallida (Mull Arg)

9 [illegible] [illegible] [illegible] [illegible] [illegible] subglaucescens [illegible]

3700 Parmelia (Amphigymnia) plastica Vainio

3701 Parmelia (Hypotrachyna) sublaevigata Nyl; P. (Amphigymnia) elastica Vainio; Anaptychia hypoleuca (Muhlenb) Vainio

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4 Parmelia (Amphigymnia) perlata v platyloba Mull Arg

5 Parmelia (Amphigymnia) plicata Pers

6

7 Melaspilea microphlebia (Nyl) Zahlbr

8 Parmelia (Amphigymnia) dominicana Vainio

9 Pyxine brachyloba Mull Arg

10

1 Physcia sorediosa (Vainio) Lynge

2 Parmelia (Amphigymnia) dominicana Vainio

2 bis Physcia sorediosa (Vainio) Lynge

3 Pertusaria intermedia Vainio

4

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7 Parmelia (Amphigymnia) dominicana Vainio

8 Pyxine chrysanthodes Vainio

9 Pertusaria gonolobina Mull Arg.; Pertusaria simplicata Vainio

20

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2 Caloplaca farinosa (Vainio) Zahlbr

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5 Caloplaca immersa (Mull Arg) Zahlbr

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30 Aspicilia prosecha (Ach) Hue

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6 Squamarina saxicola (Bdeland) Dodge; Pyxine brachyloba Mull Arg both immature

7

8 Aspicilia prosecha (Ach) Hue

9 Aspicilia prosecha v rubescens (Vainio) Dodge

40 Caloplaca diplacia v deminuta (Vainio) Zahlbr

1

2 Caloplaca aureofulva (Vainio) Zahlbr

3 Buellia contiguella v vegetior Vainio

4

5 Lecanora elabens G K Merrill

6 Aspicilia prosecha (Ach) Hue; Buellia dispersula Mull Arg

7 Aspicilia prosecha (Ach) Hue

8

9 Catolechia pycnoides Mull Arg sterile; Buellia pachydermatica Vainio

50 Lecanora nigrolimitata Zink immature

3751 Parmelia (Amphigymnia) Wainioana Lynge bis aspicilia proucha (Ach) Hue

2 Parmelia (Amphigymnia) ~~crustifera Taylor~~ dominicana Vainio

3 Parmelia (Amphigymnia) dominicana Vainio

4 Parmelia (Amphigymnia) ~~crustifera Taylor~~ dominicana Vainio

5 Anaptychia speciosa (Wulfen) Mass

6 Anaptychia hypoleuca (Muhlenb) Mass

7 Dictyonema sericeum (Sw) Berk

8

9 Anaptychia podocarpa v. conferta Vainio

60 Anaptychia hypoleuca (Muhlenb) Mass

1 Lopadium azyllarum (Nyl) Zahlbr

2 Parmelia (Hypotrachynae) vincentina Zahlbr

3

4 Graphis ulcerata v infecunda (Vainio) Zahlbr

5 Anaptychia hypoleuca (Muhlenb) Mass

6 Parmelia (Hypotrachynae) vincentina Zahlbr

7

8 Coccocarpia pellita v pyrrhocarpa Hue

9 Parmelia (Hypotrachynae) osteoleuca Nyl.

70 Parmelia (Amphigymnia) flustica Vainio

1 Parmelia (Hypotrachynae) Husnoti (Hue)

2

3 Anaptychia hypoleuca (Muhlenb) Mass

4 Parmelia (Hypotrachynae) laevigatula Nyl

5

3776 Leptogium pichneum Malme
7 Coccocarpia cronia (Tuck) Vainio
8 Sticta Beauvoisii (Del) Dodge
9
80 ~~Cladonia~~ Arthonia polymorpha Ach.
1 Anaptychia granulifera v. Antillarum Vainio
2
3 Graphis seminuda Mull Arg
4 Leptogium corallordeum (Mey & Fw) Vainio
5 Pyxine brachyloba Mull Arg
6 Parmelia (amphigymnia) Elastica Vainio
7 Arthonia septisepta Nyl.; Anthracothecium ochraceoflavens (Nyl) Mull Arg.; Bacidia trichospora (Nyl) Z
8 Bacidia translucida (Fée) Zahlbr.
9 Coccocarpia lividorufa (Mey & Fw) Zahlbr
90
1 ~~Caloplaca aureofulva~~ (Vainio) Zahlbr A Pyxine heterospora Vainio
1 bis Graphis lineola Ach.
2 Pertusaria leioplaca v pycnocarpa Nyl.
3 Graphis Plumierae Vainio; Pertusaria simplicata Vainio
4 Pyxine Cocoes (Sw) Nyl.
5
6 Parmelia (amphigymnia) ~~crotifera Taylor~~ dominicana Vainio. bis Parmelia (Amph) perlata v platyloba MO
7 Aspicilia prosecha v granulifera (Vainio) Dodge
8 Bacidia (Bilimbia) Antillarum B de Lesd.
9 Graphis duplicata Ach. Graphis rimulosa subduplicata (Vainio)
3800 Parmelia (Hypotrachynae) vincentina Zahlbr

3801

2 Leptogium corallordeum (Mey + Fw) Vainio

3

4 Physcia alba (Fée) Mull Arg.; Parmelia (Hypotrachyna) jamaicensis Vainio

5 Parmelia (Amphigymnia) dominicana Vainio

6

Glyphis favulosa Ach.; a Lecanora pallidiflava Fée; b Phaeographis Cascarillae (Fée) Mull Arg + Phaeo

7 graphina polymorpha (Fee) Mull Arg.; c. Phaeographis arthonioides (Vainio) Zahlbr. d Graphina Bakeri Z
Pyrenula microspora (Vainio) Dodge

8 Graphis lineola Ach

9 Phaeographis leiogramma (Nyl) Zahlbr

10 Caloplaca cinnabarina (Ach) Zahlbr

1 Pyxine brachyloba Mull Arg

2 Graphis Plumierae Vainio

3 Leptogium corallordeum (Mey + Fw) Vainio

4 Collema (Dicollema) pycnocarpum v. Minarum Dodge

5 Pertusaria Arecae Vainio

6 Caloplaca cinnabarina (Ach) Zahlbr

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1 Buellia pachyphragma Vainio

2 Parmelia (Amphigymnia) ulcerata Vainio; b Haematomma campaleum (Tuck) Zahlbr

3 Opegrapha (Pleurothecium) acicularis Riddle; a Anthracothecium Breutelii Mull Arg

4 Buellia gerontoides (Stirton) Dodge

5 Lecanora stramineoalbida Vainio Caloplaca aureofulva (Vainio) Zahlbr Buellia pachyphragma Vainio
3847bis Microthelia captiosa (Krempelhb) Mull Arg; Graphis yaucoensis Fink Phaeographis inconspicua (Fée) Mull Arg Lecanora testaceopallida Mull Arg; Rinodina inspersula (Nyl) Malme

3821 Parmelia (Hypotrachynae) Husnoti (Hue) Dodge
7 Lecanora stramineoalbida Vainio; Buellia pachyphragmia Vainio
8 Lecanora nigrolimitata Fink
9 Parmelia (Amphigymnia) dominicana Vainio
30 Lecidea Zahlbruckneri Fink
1
2 Caloplaca diplacia v deminuta (Vainio) Zahlbr
3 Lecanora glabens g K Merr
4
5 Parmelia (Amphigymnia) antillensis Nyl.
6
7
8
9 Arthothelium nephelinum (Nyl) Zahlbr
40 Parmelia (Amphigymnia) dominicana Vainio
1 Anthracothecium albescens (Nyl) Mull Arg.; Arthonia miserula Nyl
2 Anthracothecium americanum (Ach) Mull Arg; Graphis leptocarpa Fée Caloplaca xanthopa (Fée) Z
3 Pyxine brachyloba Mull Arg fertile
4 Sterile
5
6 Leptogium simplicius v pichneoides Dodge fertile
7 Graphis intricata Fée; Graphis duplicata Ach.
8 Graphis Tachygrapha Nyl.
9 Physcia sorediosa (Vainio) Lynge
50 Parmelia (Hypotrachynae) amoena Zahlbr

3851

2

3. Lecanora glaucomodes Nyl.

4. Parmelia (Hypotrachynae) tropica Vainio A same apothecia well developed

5.

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60 Parmelia (Hypotrachynae) tropica Vainio; Anthracothecium fuscum Müll Arg

1 Leptotrema polysporum Riddle

2 Graphis duplicata Ach. Lecanora pallidiflava Fée

3

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7 Pyxine Meissneri Tuck

8 ~~Phaeographis leiogramma (Nyl) Zahlbr~~ Pyxine chrysanthoides Vainio

sans loc 9 Lecanora pallidiflava Nyl

sans loc 70 Graphina Antillarum (Vainio) Zahlbr.

1 Parmelia (Hypotrachynae) tropica Vainio

2 Graphis intricata Fée

3

4 Anthracothecium manbund; Parmelia (Hypotrachynae) vincentina Zahlbr

5 Pertusaria Acharii (Fée) Nyl.; Parmelia (Hypotrachynae) vincentina Zahlbr

3876 Coccocarpia cronia (Tuck) Vainio

7

8 Leptogium azureum (Sw) Mont

9 Parmelia (Amphigymnia) dominicana Vainio

80 Leptogium azureum (Sw) Mont

1 Schismatomma psaroleucum (Nyl) Zahlbr.

2 Anaptychia

3 Coenogonium subvirescens Nyl.;

4 Pertusaria stramineoalbida Vainio

5 Graphina Balbisii (Fée) Mull Arg.

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8 Graphis duplicata Ach

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90 Caloplaca erythrantha (Tuck) Zahlbr

1 Lecanora costaricensis Zahlbr

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3900 Caloplaca diplacia v lecideoides (Vainio) Zahlbr

3901 Phlyctella leucostoma (Mont.) Nyl. Buellia prospersa (Nyl.) Riddle
2
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4
5 Caloplaca diplacia v. deminuta (Vainio) Zahlbr.
6 Lecidea subaequata Mull.Arg.; Caloplaca immersa (Mull.Arg.) Zahlbr. immature
7 Caloplaca diplacia v. deminuta (Vainio) Zahlbr.
8
9 Catillaria (Biatorina) Zahlbrueckneri Fink
10 Lecania euthallina Riddle
1
2
3 Caloplaca diplacia v. lecideoides (Vainio) Zahlbr.
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8 Enterographa extenuata (Nyl.) Redgr.
9 Buellia gerontoides (Stirton) Dodge; Graphina riopedrensis Fink, Pseudopyrenula elliptica
Graphis albida Fink
20 Collema (Synechoblastus) baculiferum (Mull.Arg.) Zahlbr.
1 Opegrapha subrimulosa Nyl.
2
3
4
5 Buellia portoricensis Magn.

3926 Parmelia (Amphigymnia) Raunkiaeri Vainio
7 Lecanora costaricensis Mull Arg
8 Coccocarpia pellita v parmelioides (Hook) Mull Arg
9 Parmelia (amphigymnia) dominicana Vainio
30
1 Leptogium azureum (Sw) Mont
2 Buellia portoricensis Magn
3 Pertusaria pelistoma (Ach) Mull Arg
4
5
6 Parmelia (xanthoparmelia) decipiens (Vainio) Gyelnik
7
8
9 Parmelia (amphigymnia) dominicana Vainio
40 Aspicilia prosecha v granulifera (Vainio) Dodge
1
2
3 Arthonia polymorpha Ach; Lecanactis illecebrosula (Mull Arg) Zahlbr
4 Pertusaria Arecae Vainio
5 Opegrapha microphleboides Nyl; Lecanora testaceopallida (Mull Arg)
6 Pyxine heterospora Vainio
7 Parmelia (amphigymnia) plastica Vainio
8 Coccocarpia cronia v granulosa (Mull Arg) Dodge
9 Ramalina dasypoga Tuck
50 Leptogium pichneum Malme fertile; Coccocarpia cronia v isidiophylla (Mull Arg) Dodge

3951 Sterile thallus

2 Ocellularia cavata v conferta (Nyl.)

3 Pyrenula analepta Fée; Arthonia ochrolutea Nyl.; Arthonia dichotoma Vainio

4

5 Phaeographis cascarillae (Fée) Mull Arg.; Phaeographina difformis Fink; Glyphis favulosa Ach

6 Caloplaca diplacia v leucodes (Vainio) Zahlbr

7 Aspicilia prosecha (Ach.) Hue immature

8

9 Arthonia polygrammodes Vainio; Graphina pseudanaloga (Vainio) Zahlbr; Bacidia (Bilimbia) Finkii (Vainio) Zahlbr
9A Arthopyrenia planorbis (Mull Arg; Bacidia dichospora (Nyl) ~~Zahlbr~~ Zahlbr
60 Arthonia varia Ach.

1

2 Arthonia polygrammodes (Vainio) Zahlbr immature

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Opegrapha acicularis Riddle
6 ~~Phaeographis Dussii Vainio~~ Graphis lactea (Fée) Sprgl.; Phaeographina ~~cubelata~~ (Nyl) M.A.

7 Lecanora nigrolimitata Fink; Buellia cordiquella v vegetior Vainio

8 Phaeographis leiogramma (Nyl) Zahlbr

9 Coccocarpia cronia v granulosa (Mull Arg) Dodge

70 Leptogium azureum (Sw) Mont

1 Parmelia (Amphigymnia) ~~crustifera Taylor~~ dominicana Vainio

2 Bathelium mycocarpum Fée; Arthonia polymorphoides Nyl; Phaeographis leiogramma (Nyl) Zahlbr

3 Gyalecta Arthonia polymorpha Ach

4 Parmelia (Amphigymnia) dominicana Vainio ~~crustifera Taylor~~; Coccocarpia cronia v. granulosa (Mull Arg) Dodge

5 Coccocarpia pellita v parmelioides (Hook) Mull Arg; Parmelia (Amphigymnia) dominicana Vainio ~~crustifera Taylor~~; Graphina collospoella (Vainio) Zahlbr

5A Same three species

3976

7 Arthonia Tonduziana Müll Arg

8 Graphis glaucescens Fée; Phaeographina pachnodes (Fée) Müll Arg

9 Arthonia aquilina Vainio; Melaspilea cryptothallina Zenk; Phaeographina micrographa (Nyl) Müll Arg

80 Sterile moribund

1 Graphis subamylacea Zahlbr? very immature

2 Anthracothecium albescens (Nyl) Müll Arg

3 Bacidia holostheleoides (Müll Arg) Zahlbr

4 Pyxine Cocoes (Sw) Nyl immature

5

6 Parmelia (Hypotrachynae) jamaicensis Vainio

7 Lopadium vulpinum (Tuck) Zahlbr

8 Coccocarpia cronia (Tuck) Vainio

9 Leptogium denticulatum Nyl.

90

1

2 Bacidia trichospora (Nyl) Zahlbr.; Lecanora flavidopallens Nyl; Graphis lineola Ach.

3 Arthonia miserula Nyl.

4 Arthothelium americanum (Vainio) Zahlbr.
4A Arthonia subrubella Nyl
5 Parmelia (Hypotrachynae) Vincentina Zahlbr.

6 Arthonia Tonduziana Müll Arg

7 Opegrapha albidoatra Zenk; a. Microthelia micrasperma Müll Arg Porina mastoidea Fée, nonAch

8 Graphis intricata Fée; b Pyrenula Bonplandiae Fée, c Buellia portoricensis Magn d Graphis
germanella Müll Arg; f Graphis duplicata Ach Graphis Plumierae Vainio Graphis pseudophyctes (Nyl) Z
9 Stictina cerebellarium (Vainio) Dodge.
4000 Leptogium azureum (Sw) Mont
~~4000 Pertusaria simplicula Vainio~~ Pyxine Cocoes (Sw) Nyl, ~~a Graphis Plumierae Vainio~~
~~d Anthracothecium Breutelii Müll Arg; e Lecanora sublutescens Vainio~~
3998A Microthelia captiosa (Krempelh) Müll Arg Graphis duplicata Ach; Graphis lactea v. dauna Vainio

4001 Phaeographis inconspicua (Fee) Mull Arg; Glyphis favulosa Ach moribund
2 Graphis crebra Vainio; Arthonia excedens Nyl; Anthracothecium americanum (Ach) MA. Glyphis favulosa Ach
3 {Pertusaria amplicata Vainio; Pyxine Cocoes (Sw) Nyl; Graphis Plumierae Vainio
Anthracothecium Breutelii Mull Arg; Lecanora subtilissima Vainio
4 Glyphis favulosa Ach; Lecanora subtilissima Vainio; Graphis albida Fink
5 Anthracothecium ochraceoflavens (Nyl) Zahlbr & Graphis grossula Mull Arg; Arthonia microsperma Nyl
6
7 Arthonia complanata Fée; Physcia integrata Nyl; Parmelia (Amphigymnia) ~~[illegible]~~ dominicana Vainio young
8 Arthonia angulata Fée; a Melaspilea fufurca Nyl. b. Glyphis favulosa Ach
9 Graphis tenellula Vainio; Anthracothecium albescens (Nyl) Mull Arg; Polyblastiopsis
10 Pyxine heterospora Vainio? sterile very immature
1 Collema neglectum Deg
2bis Graphis rufula Mont; Glyphis favulosa Ach; Buellia gaucoensis Fink
2 Buellia prospersa (Nyl) Riddle B. Parmelia (Xanthop.) decipiens (Vain.) Gyelnik; Medusulina Microcarpa MA
4012A Buellia prospersa (Nyl) Riddle, Glyphis favulosa Ach, Lecanora bogotana Nyl, Graphis Plumierae Vainio
3 Catillaria Zahlbruckneri Fink
4
5 Caloplaca xanthopa (~~Nyl~~ Hue) Zahlbr
6 Caloplaca Bergeneni v leptozonodes (Vainio) Zahlbr
7
8
9 Anaptychia granulifera v farinulenta Vainio
20 Caloplaca xanthopa (Hue) Zahlbr; 4020 bis Pyrenula microspora (Vainio) Dodge, Lecanora stramineoalbida Vainio; Arthothelium nebulosum Mull Arg
1 sterile thallus grown in too dense shade
2 Bottaria composita Mass; Arthothelium dilatendens (Nyl) Mull Arg
3. Anaptychia subcomosa (Nyl) Vainio very immature
4 Parmelia (Xanthop.) decipiens Vainio
5 Leptogium azureum (Sw) Mont

4026 Usnea leucoxantha Motyka

7

8 Parmelia (amphigymnia) ~~crotifera Taylor~~ domenicana Vainio

9

30

1 Ramalina bogotensis Nyl., Ramalina anceps Nyl

2 Graphis seminuda Müll Arg.

3 Arthonia Dussii Vainio

4 Leptogium marginellum (Sw) S F Gray

5 Leptogium corallodeum (Mey + Fr) Vainio; A B Leptogium denticulatum Malme non Nyl

6 Aspicilia prosecha (Ach) Hue; a Aspicilia prosecha v. granulifera (Vainio) Zahlbr

7 Coccocarpia pellita (Ach) Müll Arg genuina

8

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1 Arthonia dichotoma Vainio

2 Pyxine coralligera Nyl Arthonia aquilina Vainio; Lecanora subtilissima Vainio

3 Microthelia thelena v subtriseptata Vainio; Arthonia polymorpha Ach A Arthopyrenia Guazzaecola (Fée) Müll Arg

4

5 Anthracothecium albescens (Nyl) Müll Arg

6

7 Gyalectaria Féeana Müll Arg immature

8 Physcia obsessa (Mont) Nyl very immature

9 Coccocarpia cronia (Tuck) Vainio

50 Leptogium corallodeum (Mey + Fr) Vainio

4057 Lecidea pachysporella Mull Arg

2

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4 Arthonia conferta (Fée) Nyl.

5 Arthonia varella Nyl.

6 Arthonia complanata Fée

7 Graphis subrufula Mull Arg

8 Trypethelium Anacardii Fée; a Arthonia complanata Fée, & Enterographa leucosticta (Nyl) Dodge

9 Chiodecton seriale Ach; a Arthonia dichotoma Vainio

60 Porina cinnamomea (Mont) Zahlbr; a Phaeographis serpentinella (Nyl) Zahlbr

1 Phaeographis serpentinella (Nyl) Zahlbr

2 Arthonia conferta (Fée) Nyl.

3

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5 Opegrapha albidoatra Tuck

6 A Arthothelium chloroleucum Mull Arg.

6 B Lecanora flavidopallens Nyl

7 Microthelia caprinoza (Krempelhbr) Mull Arg

8 Graphis tenellula Vainio

9 Lecanora flavidopallens Nyl

70 Graphis analogella Nyl

1 Melaspilea subolivacea Tuck; Buellia portoricensis Magn; Buellia subgracilis (Nyl) Mull Arg

2 Buellia portoricensis Magn

3 Lecanora chlarotera Nyl; Buellia portoricensis Magn.

4 Phaeographis leucogramma (Nyl) Zahlbr; Buellia Antillarum Bouly de Lesd; Buellia portoricensis Magn

5 Buellia portoricensis Magn.

4076 arthonia septisepta Nyl.
7 arthonia hypochniza Nyl
8 Arthonia fuscoalbella Nyl
9 Graphis albida Fink ; Arthonia platyspilea Nyl
80 Graphis leptocarpa Fée
1 arthrothelium americanum (Vainio) Zahlbr.
2 Graphis rufula Mont
3. arthonia aquilina Vainio; a Pertusaria Husnotiana Mull Arg
4 Arthonia aquilina Vainio
5 Arthonia dichotoma Vainio
6 arthrothelium americanum (Vainio) Zahlbr
7 Phaeotrema leucastrum (Tuck) Zahlbr
8
9 Arthonia dichotoma Vainio; Graphina melaleuca Mull Arg
4090 Graphis glaucescens Fée
1 Graphis Plumierae Vainio
2 Melaspilea opegraphoides Nyl
3
4 Lecanora perithioides Nyl, Glyphis favulosa Ach.
5 Graphis crebra Vainio
6 Graphis tenellula Vainio
7 Melaspilea heterocarpa (Fée) Mull Arg a Graphis albinula Mull Arg Graphis Plumierae Vainio
8 Glyphis favulosa Ach Phaeographis arthonioides (Vainio) Zahlbr moribund
9. Graphis tenella v flavicans Mull Arg
4100 Graphis crebra Vainio

4101 Graphis lineola Ach rather immature
2 Graphis candidissima Zahlbr; Glyphis favulosa Ach
3 Arthothelium americanum (Vainio) Zahlbr
Phaeographis sordida (Fée) Mull Arg
4 Pseudopyrenula chronea (Mont) Zahlbr; Arthonia polymorpha Ach
5 Phaeographina Elliottii (Vainio) Zahlbr.
6 Phaeographis sexlocularis Fink
7 b Glyphis favulosa Ach; Arthonia minuta Vainio, Lecanora chlarotera des Nyl.
8 Arthothelium americanum (Vainio) Zahlbr
9 Anthracothecium mucosum (Vainio) Zahlbr; Graphis Plumierae Vainio
10 Graphis yaucoensis Fink
1 Graphina olivaceo-albida Fink
2
3 Arthonia confarta (Fée) Nyl.
4 b Glyphis favulosa Ach; Graphidaceae too immature
5 Phaeographina ruiziformis (Schrank
6 Graphis leptocarpa Fée
7 b Glyphis favulosa Ach.; a Graphis leptocarpa Fée; Buellia portoricensis Magn.
8 Arthonia varulla Nyl.; Graphis Plumierae Vainio
9
20 Anthracothecium Cascarillae Mull Arg; Pyrenula aggregans Vainio
Arthonia microcarpa Mull Arg
1 Graphis albida Fink
2 Pyrenula circumfinens Vainio
3 Sterile thallus
4 Sterile thallus
5 Graphis lineola Ach; Melaspilea fuscolimitata Fink

4126 Opegrapha (Pleurothecium) albidoatra Fink; Graphis albida Fink
Melaspilea interalbicans (Nyl) Mull Arg
7 Glyphis favulosa Ach; Lecanora bogotana Nyl, Lecanora chlarotera Nyl
8 Opegrapha subrimulosa Nyl.
9 Lecanora perithioides Nyl.
Thelotrema velatum Mull Arg
30 Graphis [illegible] Fink Glyphis favulosa Ach, Graphis rimulosa (Mont) Trev Graphis jamaicensis Fink
Graphis [illegible] Müll Arg
1 & Pyxine brachyloba MA sterile Glyphis favulosa Ach Graphis jamaicensis Fink Phaeographis arthonioides (Vainio) Zahlbr
2 Lecanora pallidiflava Fée Graphis Plumeriae Vainio
Arthonia Tondyrana Mull Arg
3 Anthracothecium Cascarillae Mull Arg; Arthonia cinnabarina (Ach) MA Arthothelium aphanocarpum (Nyl) Z
4 Microthelia captiosa (Krmplhbr) Mull Arg
5 Melaspilea fuscolimitata Fink
6 Pyrenula nitidella v exstantior Vainio; Graphina homographa (Nyl.) Zahlbr
7 Opegrapha acicularis Riddle
bis pyrenocarp moribund
8 Graphis Plumeriae Vainio; Pyxine dissecta (Fée) Vainio; Physcia alba (Fée) Mull Arg Physcia picta Tuck
Macrographina microphlebia (Nyl) Zahlbr
9 Glyphis favulosa, Phaeographis subbifida (Zenker) Mull Arg, Phaeographina asteroides Fink
Parmelia (Amphigymnia) [illegible] Vainio
40 Pyrenocarp moribund
1 Melaspilea subrimalis Fink; a Graphis hypolepta Nyl.
2 Bacidia apiahica (Mull Arg) Zahlbr. folicol
3 Lecanora testaceopallida (Mull Arg) Dodge
4
5
6 Opegrapha acicularis Riddle
7 Calenia conspersa (Stirton) Sant
8 Micrographa
9 Lecanora chlorophaeiza Vainio
50 Melaspilea nigrolimitata Fink; Phaeographis leucotheta (Fée) Mull Arg, Phaeographina nitidescens Fink

4151 Arthonia aquilina Vainio

2 Caloplaca cinnabarina (Ach.) Zahlbr.

3 Graphis leptocarpa Fée Opegrapha confusula Müll. Arg.; Phaeographis tortuosa ...

4 Arthonia collospora Vainio

5 Parmelia (amphigymnia) dominicana Vainio
Anthracothecium americanum (Ach.) Müll. Arg.; Arthothelium americanum (Vainio) Zahlbr.

6

7 Bathelium crassum (Fée)

8 Opegrapha virescens Müll. Arg.; Phaeographis Dussii Vainio

9 Opegrapha circularis Riddle

4160 Astrothelium acrophaeum (Nyl.) Müll. Arg.

1 Arthothelium nebulosum Müll. Arg.

2 Arthonia Dussii Vainio

3 Arthonia septisepta Nyl.

4 Bacidia fulgidula (Nyl.) Zahlbr.; Catillaria melaenella (Nyl.) Z. a. Graphis Plumierae Vainio
4 bis Lecanactis illecebrosula (Müll. Arg.) Zahlbr.

5 Opegrapha sexlocularis Vainio

6 Arthothelium Cordiae (Vainio) Zahlbr.

7 Arthothelium Cordiae (Vainio) Zahlbr.

8 Porina nana Fée

9 Sterile sorediose thallus crustose; ~~[illegible]~~

70 Arthopyrenia boricana Müll. Arg.

1 Lecidea granulifera Fink

2 Catillaria melaenella (Nyl.) Zahlbr.

3 Catillaria melaenella (Nyl.) Zahlbr.

4 Pseudopyrenula confluens Merr.

5 Lecidea granulifera Fink

4176 Arthopyrenia (Pseudosagedia) atomarioides Müll Arg

7 Opegrapha fuscomaculans Nyl

8 Aspicilia prosecha (Ach) Hue

9

80

1 Bathelium mastoideum v macerum (Müll Arg) Dodge

2 Anaptychia granulifera v farinulenta Vainio

3 moribund pyrenocarp

4 Microthelia sexlocularis Müll Arg

5

6

graphis scibonula Müll Arg

7 c Glyphis favulosa Ach. b Opegrapha confusula Müll Arg Phaeographis Cascarillae (Fée) MA

8 Physcia obsessa (Mont) Nyl. a Graphis conferta Zenker; Lecanora glaucomodes Nyl

9 Arthonia polymorpha Ach.

90 Collema neglectum Degelius

1

2 Lecanora pallidiflava Fée a Opegrapha acicularis Riddle, Arthonia dichotoma Vainio

3 moribund pyrenocarp Arthothelium aphanocarpum (Nyl) Zahlbr Arthonia minutula Fink

4 Arthothelium [illegible] (Nyl) Zahlbr

[illegible] (Nyl) Z. [illegible] (V) Z. Riddle [illegible] Nyl Riddle Merr

5 c Glyphis favulosa Ach; Phaeographis subbifida (Zenker) Müll Arg, bis Diplotomma Finkii

a Lecanora stramineo albida Vainio; Pertusaria simplicata Vainio Lecanora atroaeruginosa Vain

Opegrapha acicularis Riddle Pertusaria [illegible]

6 Graphis subamylacea Zahlbr; Graphis Plumierae Vainio, Anthracothecium [illegible] MA

Phaeographina mesographa (Nyl) Müll Arg

7 Glyphis favulosa Ach; Graphis farinulenta Müll Arg Opegrapha sexlocularis Vainio

8 Opegrapha subrimulosa Nyl; Arthonia aquilina Vainio Graphina rufopallens [illegible] (V) Z

[illegible] (M Arg) Dodge

9 Pertusaria [illegible] Vainio [illegible] c Pertusaria albidella Nyl.; d Lecanora glaucomodes Nyl

4200

4201 Graphina riopedrensis Fink
2 Graphis yaucoensis Fink
Lecidea pachysporella Mull Arg; Caloplaca diplacia v lecideoides (Vain.) Zahlbr
3 Pyrenula subaperta Ach. moribund; Arthonia varella Nyl.
4 Arthonia miserula Nyl. Anthracothecium maculare Zahlbr; Opegrapha albidoatra Fink
5
6 Glyphis favulosa Ach; Microthelia thelena (Ach) Mull Arg; Microthelia innata Mull Arg
7 Pyxine Brachyloba MA.
8 Diplotomma Finkii (Merr.) Dodge
9 Lecanora testaceopallida (Mull Arg) Dodge
10 a Glyphis favulosa ach
1 Lecanora glaucomodes Nyl.
2 Lecanora subtilissima Vainio
3 Glyphis favulosa Ach
4 Graphina Bakeri Zahlbr
5 Bacidia ischnospora (Nyl) Zahlbr; Graphis subamylacea Zahlbr
6 Bacidia Finkii Zahlbr; Arthonia hypochraza Nyl.
7 Bacidia (Bilimbia) maraoalensis (Vainio) Zahlbr
8 Opegrapha acicularis Riddle
9 Bacidia smaragdescens (Nyl.) Zahlbr.
20 moribund sterile thalli
1 Lecanora pallidiflava Fée; & Arthonia varella Nyl; Bacidia Joshuana (MA) Z
2 Arthonia Tenuissima Mull Arg
3 Graphis Plumerae Vainio; Buellia leucomela Imshaug
4 Lecanora flavidopallens Nyl.
5 Arthothelium aphanocarpum (Nyl) Zahlbr

4226 Bathelium caterwarium (Fée) Dodge; Opegrapha acicularis Riddle arthothelium
diplotypum (Vainio) Zahlbr
7 Graphina Poitiaei (Fée) Mull Arg; arthothelium lignicola (Vainio) Zahlbr
8. Graphis crebra Vainio
9. moribund pyrenocarp discarded
30 Pseudopyrenula nitidiuscula (Nyl) Mull Arg; arthothelium nephelinum (Arg) Zahlbr
1 Phaeographina ornata Mull Arg
2 Pyxine minuta Vainio
3 arthothelium lignicola (Vainio) Zahlbr; arthonia minutula Fink Monoblastia palmicola Riddle
4 moribund pyrenocarp arthonia polymorpha Ach, Opegrapha prosodea v notha Tuck
5 Lecanora glaucomodes Nyl., Opegrapha interalbata Nyl.
6 arthothelium aleurodes (Nyl) Zahlbr
7 Lecanora testaceopallida (Mull Arg) Dodge Lecanora pallidiflava Fée
8 Lecanora pallidiflava Fée; Diplotomma Finkii Merrill
9 bark no lichen present, arthonia moribund
40 Glyphis favulosa Ach.; arthonia aquilina Vainio
1 arthonia alborufella Nyl
2 moribund pyrenocarp
3 Opegrapha (Pleurothecium) acicularis Riddle
Lecanora testaceopallida (Mull Arg) Dodge
4 arthonia polymorpha Ach; Opegrapha prosodea v notha Tuck Melaspilea cryptothallina Fink
5 Lecanora glaucomodes Nyl. Graphis albinula Mull Arg
Lecanora chlarotera Nyl.
6 ~~arthothelium aleurodes (Nyl) Zahlbr~~ Graphis albinula Mull Arg
7 a Graphis intricata Fée, G rimulosa (Mont) Tuck G crebra Vainio Microthelia micuiformis (?) M A
b Glyphis favulosa Ach; Phaeographis Cascarillae (Fée) Mull Arg
8 anthracothecium subcutaneum (Fée) Mull Arg; Lecanora pallidiflava Fée arthothelium aphanocarpum (Nyl) Zahlbr
9 b Glyphis favulosa Ach. anthracothecium albescens (Nyl) Mull Arg; Phaeographina dolichographa (Nyl) Zahlbr
50 Phaeographis arthonioides (Vainio) Zahlbr; Lecanora glaucomodes Nyl.

4251 Trypethelium Eluteriae Sprengel; Buellia subjuncta (Nyl) Mull Arg Porina polycarpa MA
2 Melanotheca cruenta (Mont.) Mull Arg
3. moribund pyrenocarp
4 Graphis duplicata Ach.
5 Arthonia microsperma Nyl; Graphis albida Fink
6 moribund pyrenocarp, discarded
7 Arthonia sp moribund
8 Lecanora chlorophaeiza Vainio
9 Graphis Tachygrapha Nyl. & Bacidia melachroda (Nyl) Zahlbr
60 Arthonia subtilissima Mull Arg
1 Lecanora stramineoalbida Vainio; Lecania euthallina Riddle
2 Lecanora glaucomodes Nyl.
3 Arthonia minuta Vainio
4
5 moribund pyrenocarp Pertusaria intermedia Vainio
6 Arthonia subtilissima Mull Arg; Pyrenula Cocoes Müll Arg
7 Microthelia microsperma Mull Arg; ~~Pyrenula~~
8 Pyrenula laevigata v microspora Vainio
9 Bathelium mastoideum (Mull Arg) ~~Dodge~~; Arthonia subrubella Nyl.
70 Arthothelium diplotypum (Vainio) Zahlbr; ~~Lecania euthallina Riddle~~ ~~Phaeographina irregularis (Fée) Mull Arg~~
1 Glyphis favulosa Ach; Phaeographina irregularis (Fée) Mull Arg
2 Anthracothecium mucosum (Vainio) Zahlbr
3 Pyrenula minor Fée; bis Melanotheca melanophthalma Mull Arg
4 Parmelia (Amphigymnia) fasciculata Vainio
5
a Caloplaca immersa (Mull Arg) Zahlbr
b small pyrenocarp sunk in limestone

4276 Phaeographina mesographa (Nyl) Müll Arg

7

8 Caloplaca immersa (Mull Arg) Zahlbr

9 Parmelia (Amphigymnia) dominicana Vainio

80 Pyrenula glabrescens Vainio; Glyphis favulosa Ach; Pyrenula ferax Mull Arg

1

2 Opegrapha fertilis Mull Arg

3 Caloplaca immersa (Mull Arg) Zahlbr

4

5 a Pyrenocollema tremelloides Remke; b Caloplaca immersa (Mull Arg) Zahlbr; Caloplaca sub-squamosa Mull Arg

6 Porina n sp

7

8 Porina glauca Mull Arg

9

90 Bacidia (Bilimbia) antillarum B de Lesd.

1

2 Pseudopyrenula neglecta Mull Arg

3 Porina dominicana Vainio

4 Trypethelium favulosum Ach.

5 Porina ; Graphina marcescens (Fée) Mull Arg

6 Porina

7 [illegible]

8 Microglaena Brittonii Riddle

9

4300

4301 a Parmelia (Xanthoparmelia) decipiens (Vainio) Gyelnik; b Aspicilia prosecha Ach both immature
b is Lecidea Zahlbruckneri Fink
2 Pyxine dissecta (Fée) Vainio
3 Caloplaca immersa (Mull Arg) Zahlbr.
4
5 sterile or moribund pyrenocarp
6 sterile or moribund pyrenocarp
7
8 Glyphis favulosa Ach; Lecanora Testaceopallida (Mull Arg) Dodge; Bacidia smaragdescens (Nyl) Zahlbr
Graphis albida Fink Graphina Melaleuca Mull Arg. Phaeographis cascarillae (Fée) MA
9 Sterile
10 Parmelia (Hypotrachynae) jamaicensis Vainio
1 Trypethelium favulosum Ach.
2 Porina dominicana Vainio
3
4
5 moribund pyrenocarp.
6 Pyrenula pormordes Fe nearly moribund; Pertusaria intermedia Vainio
7
8 Bacidia Tristis Vainio
9 Pertusaria planula Zahlbr
20 Stirtonia
1 Graphis crebra Vainio; Glyphis favulosa Ach, Anthracothecium Cascarillae Mull Arg
2 Leptogium reticulatum Mont
3 Leptogium reticulatum Mont
4 Diploloma Finkii Merrell; Caloplaca subsequestra (Nyl) Riddle
5 Arthopyrenia Dominicana Mull Arg.

4326 moribund pyrenocarp
7 moribund pyrenocarps
8 Ochrolechia inaequata (Nyl) Zahlbr
9
30 Leptogium coralloideum (Mey & Fw) Vainio
1
2 Microthelia captiosa (Krmplhbr) Mull Arg; Glyphis favulosa Ach.
3 Massalongia
4
5 Lecanora chlorophaeiza Vainio
6
7
8
9 Arthopyrenia (Mesopyrenia) antillarum Vainio
40 Caloplaca immersa (Mull Arg) Zahlbr
1
2 Caloplaca immersa (Mull Arg) Zahlbr.
3
4 Caloplaca immersa (Mull Arg) Zahlbr
5
6
7
8 Parmelia (Amphigymnia) Plastica Vainio
9 Pyxine dissecta (Fée) Vainio immature, Lecanora pallidiflava Fée
50 x Glyphis favulosa Ach, Haematomma corrugatum (Just) Zahlbr

4351 Physcia psathyra Tuck

2 a Glyphis favulosa Ach. Physcia psathyra Tuck Buellia subjuncta (Nyl) Müll Arg

3 Parmelia (Amphigymnia) antillensis Nyl immature Arthonia aggregata dealbata

4 Physcia psathyra Tuck

5 Physcia psathyra Tuck

6

7 Physcia laciniulata Müll Arg

8 Melaspilea fuscolimitata Fink

9 Graphina olivaceoalbida Fink

60 a Parmelia (Amphigymnia) elastica Vainio; Physcia psathyra ~~Hutta~~ Tuck b. Phaeographis arthonioides (Vainio) Zahlbr

1 Microthelia thelena v trisepta Vainio; Glyphis favulosa Ach

2

3 Microthelia micropermum Müll Arg

4 Lecanora glaucodes Nyl; Glyphis favulosa Ach

5 Arthonia moniliformis Nyl; Pseudopyrenula portoricensis Hedrick

6 Graphis glaucescens Fée

7 Pyrenula cayennensis Müll Arg ~~Anthracothecium Cascarillae Müll Arg~~

8 Lecanora pallidiflava Fée

9 b Glyphis favulosa Ach; Lecanora pallidiflava Fée; Phaeographis (cascarillae Fée) Mu

70 Lecanora chlarotera Nyl Lecania subtilissima Riddle Phaeographina irregularis (Fée) Ma

1 Lecanora pallidiflava Fée

2 Anthracothecium americanum (Ach) Müll Arg; Graphina pseudanaloga; Pertusaria Antillarum Vainio Lecanora pallidiflava Fée

3

4 Biatorina epiphylla (Fink) Dodge

5

4376

7 Catillaria pellaca (Nyl) Dodge

8 Catillaria pellaca (Nyl) Dodge

9 Pyxine Berteriana (Fée) Imshaug

80 Arthothelium nebulosum Mull Arg & Melaspilea comma Nyl Bouly de Lesd ?

1 Bialorina mexicana (B de Lesd) Dodge (Graphis janeirensis Fée by Bonnet; a Arthonia parvula Nyl; b a Caloplaca subsequestra (Nyl) Riddle; b a Graphis tenuitula Vainio

2

3

4 Pertusaria Hasnotiana Nyl.

5 Graphis platycarpella Mull Arg.

6

7 Leptogium simplicius Vainio

8 Arthonia excedens Nyl; Lecanora erythrocarpa Mont

9

Graphis albida Fink; Pseudopyrenula neglecta Mull Arg; Melaspilea fuscolimitata Fink

90 Enterographa leptosticta (Nyl) Dodge; Haematomma puniceum (Ach) Mass Pertusaria [illegible]

1 Coccocarpia cronia v granulosa (Mull Arg) Dodge

2 Parmelia (Amphigymnia) Elastica Vainio

3 Arthothelium nephelinum (Nyl) Zahlbr; Pyxine coralligera Malme

4 Parmelia (Amphigymnia) Elastica Vainio

5 Buellia contiguella v. vegetior Vainio

6 Enterographa granulata (Nyl) Dodge

7 Aspicilia prosecha v granulifera (Vainio) Dodge

8 Parmelia (Xanthoparmelia) decipiens (Vainio) Gyelnik

9 Pyxine heterospora Vainio

4400 Leptogium simplicius v pichneoides Dodge; a Leptogium azureum (Sw) Mont

4401 Caloplaca subsquestra (Nyl) Riddle

2 Parmelia (Xanthoparmelia) decipiens (Vainio) Gyelnik; Buellia pachyphragma Vainio

3 moribund pyrenocarp [illegible]

4 Coccocarpia cronia v granulosa (Mull Arg) Dodge fertile

5 Arthothelium cystodes (Nyl) Zahlbr

6 Collema neglectum Degel. fertile

7 Caloplaca diplacia v deminuta (Vainio) Zahlbr.

8 Aspicilia prosecha v granulifera (Vainio) Dodge

9 Aspicilia prosecha v granulifera (Vainio) Dodge

10 Parmelia (Hypotrachynae) laevigatula Nyl; Caloplaca diplacia v lecideoides (Vainio) Zahlbr

1 Caloplaca diplacia v deminuta (Vainio) Zahlbr

2 Pertusaria Husnotiana Mull Arg.

3 Arthonia fuscoalbella Nyl. Graphis yaucoensis Fink

4 Pyxine connectens Vainio

5 Leptogium corallodeum (Mey & Fw) Vainio; Leptogium azureum (Sw) Mont

6 Graphina aggregans (Nyl) Zahlbr

7 Caloplaca diplacia v deminuta (Vainio) Zahlbr

8 Arthonia dichotoma Vainio

9 Lecanora glaucomodes Nyl.

20 Parmelia (Hypotrachynae) laevigatula Nyl.

1 Buellia portoricensis Magn.

2 Collema neglectum Degel.

3 Phaeographis leiogramma (Nyl) Zahlbr; Arthonia minuta Vainio Arthothelium
abundatus Nyl. Zahlbr

4 Glyphis cribrosa Fée; Pyxine connectens Vainio

5 Pyxine coralligera Malme, [illegible] Arthonia dichotoma Vainio

4426 Pyrenula exigua Mull Arg. moorband; graphis tenellula Vainio
7 Arthonia angulata Fée & anthracotheceum Cascarillae Mull Arg Phaeographis decipiens (Fée) MA
8 Arthothelium lignicola (Vainio) Zahlbr
9 Lecidea (Buellia) cinereolutescens Nyl & Phaeographis rosea (Vainio) Zahlbr; graphis homographiza Nyl
9 bis Lecanora testaceopallida (Mull Arg) Dodge
30 Phaeographina mesographa (Nyl) Mull Arg
1
2 Graphis homographiza Nyl., graphis supertecta Mull Arg
3 Pertusaria stramineo... graphina pseudo... (Vain) Z ...
3 bis ... Pertusaria intermedia Vainio
4
5 Arthothelium Cordiae (Vainio) Zahlbr
graphina exsolvens (Vainio) Zahlbr.; glyphis favulosa Ach
6 Pseudopyrenula ellota (Nyl) Vainio; Arthonia miserula Nyl.; graphis conferta Zenker;
7 Phaeographis Lindigiana Mull Arg; Parmelia (Hypotrachyna) sublaevigata Nyl
8 Ochrolechia inaequata Nyl.
9 Graphis rufula Mont.; Graphis tumida Vainio
40 Pseudopyrenula diremta (Nyl.) Mull Arg; Pyxine Eschweileri (Tuck) Vainio
1 Leptogium marginellum (Sw.) S F Gray
2 Leptogium corallodeum (Mey & Flot) Vainio
3 Pyxine Eschweileri (Tuck) Vainio
4 Parmelia (Amphigymnia) dominicana Vainio
5 Parmelia (Amphigymnia) dominicana Vainio
6 Bacidia trichospora (Nyl.) Zahlbr
7 Parmelia (Amphigymnia) fasciculata Vainio
7 bis graphis yaucoensis Fink; Coccocarpia pellita v parmelioides (Hook) Müll Arg
8 Pseudopyrenula papulosa (Nyl) M.A.; Lecanidium commutatum (MA) D. Buellia portoricensis Magn.
9 Arthonia polymorpha Ach.
50 Sterile thallus

4451 Coccocarpia cronia (Tuck) Vainio
2 Rinodina ochrotis Tuck
3 Glyphis favulosa Ach; Pyrenula laevigata v microspora Vainio
4 Physcia alba (Fee) Mull Arg
5 Leptogium marginellum (Sw) S F Gray
6 Physcia alba (Fée) Mull Arg
7 Phaeographina scalpturata (Ach) Mull Arg
8 Anthracothecium mouliani; Arthonia polymorpha Ach
9 Graphis intricata Fée
60 Pyxine Cocoës (Sw) N l; anthracothecium canellae-albae (Fée) Mull Arg; graphis [illegible] Zahlbr
60 bis Pseudopyrenula dirempta (Nyl) Mull Arg
1 Pyxine Cocoës (Sw) Nyl.
2 Arthonia miserula Nyl
3 Glyphis favulosa Ach; Graphis collicalosa (Mont) Nyl; graphis [illegible]
4 Coccocarpia tenuissima Mull Arg
5 Pyxine dissecta (Fee) Vainio
6 Pyxine Cinchonae ~~[illegible]~~ (Spegl)
7
8
9 Pseudopyrenula chionea (Mont) Zahlbr
70 Pseudopyrenula introduscula (Nyl) Mull Arg
1 Bathelium Kunzei (Fée) [illegible], Usnea [illegible]
2 Ochrolechia inaequata (Nyl) Zahlbr
3 Anthrothelium ~~[illegible]~~ cyrtodes (Nyl) Zahlbr; Glyphis favulosa Ach Graphis Plumierae Vainio
c graphis platycarpella Mull Arg
4 Phaeographis inconspicua (Fée) Mull Arg
5 Physcia sorediosa (Vainio) Lynge

4476 Anthracothecium albescens (Nyl.) Mull Arg. a Anthracothecium sinapispermum (Fée) Mull Arg
77 Parmelia (Amphigymnia) Hastica Vainio immature
78 Glyphis favulosa Ach
79 Bathelium Kunzei (Fée) Dodge
80 Glyphis favulosa Ach
1 Glyphis favulosa Ach.
2 Lecanidium commutatum (Mull Arg) Dodge
3 Ochrolechia inaequata (Nyl) Zahlbr
4 Parmelia (Amphigymnia) dominicana Vainio
5 Leptogium marginellum (Sw) S F Gray
6
7 Pyxine Cocoes (Sw) Nyl
8 Graphis Dumastii (Fée) Sprgl
9 Bathelium Kunzei (Fée) Dodge
90 Pyxine Cocoes (Sw) Nyl, moribund
1 Bathelium Kunzei (Fée) Dodge
2 Arthonia [illegible] Nyl.
3 Bathelium Kunzei (Fée) Dodge
4 Parmelia (Amphigymnia) martinicana Nyl; Parmelia (Amphigymnia) dominicana Vainio
5 Pseudopyrenula nitidiuscula (Nyl) Mull Arg
6 Bathelium Kunzei (Fée) Dodge; Ochrolechia inaequata (Nyl) Zahlbr
7 Graphis homographiza Nyl.
8 Pseudopyrenula nitidiuscula (Nyl) Mull Arg
9 Pseudopyrenula diffluens (Nyl) Mull Arg; Phaeographina nitidescens Fink
4500 Glyphis favulosa Ach

4501 Graphis tumidulella Fink
2 Parmelia (Hypotrachynae) laevigata v gracilis Mull Arg
3 Phaeographina hyperbolizans (Nyl) Dodge
4 Pseudopyrenula dirempta (Nyl) Mull Arg
5 Arthonia alborufella Nyl.
6 Graphis tenellula Vainio
7 Phaeotrema platycarpum Tuck) Zahlbr
8 Pseudopyrenula dirempta (Nyl) Mull Arg
9 Bathelium Kunzei (Fée) Dodge; Lecanidium commutatum (Mull Arg) Dodge
10 Microthelia captiosa (Krmplhbr) Mull Arg
1 Arthonia polymorpha Ach
2 Anthracothecium canelae-albae (Fée) Müll Arg
3 Immature species
4 Lecanidium achroizum (Nyl) Dodge
5 Graphina pseudanaloga (Vainio) Zahlbr
6 Lecanidium
7 Pyxine Cocoës (Sw) Nyl
8 Ochrolechia inaequata (Nyl) Zahlbr
9 moribund
20 Graphis Tenellula Vainio
1 Lecidea [illegible] : subinsilis Nyl; Trypethelium platystomum Mont
2 Phaeographis inconspicua (Fée) Mull Arg
3 Arthothelium aleurodes (Nyl) Zahlbr; Bei Graphis favulosa Ach
4 Coenogonium Leprieurii Nyl,
5 Graphina pseudanaloga (Vainio) Zahlbr

4526 Pyxine eschrophora (Mull Arg) Imshaug

7

8 Parmelia (Amphigymnia) fascicularis Vainio

9 Bathelium Kunzei (Fée) ; Lecidea Piperis (Sprgl) Nyl.

30 Bathelium Kunzei (Fée)

1 Pertusaria mastocheila Vainio

2 Graphis albida Fink ; Graphis lactea (Fée) Sprengel

3 Pyxine coralligera Malme

4 Anthracothecium canelae-albae (Fée) Mull Arg; Graphis subamylacea Zahlbr

5 Bathelium [illegible]

6

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8 Pyxine pyxinoides (Mull Arg) Dodge

9 Pseudopyrenula Cinchonae (Nyl) Dodge
Graphis leptocarpa Fée ; Phaeographis sangrensis (Vainio) Zahlbr Phaeographina nitidescens Fink

40 Lecidea vulgata f Arecae (Vainio) Zahlbr ; Phaeographina nitidescens Fink

1 Leptogium austroamericanum (Malme) Dodge

2 Pseudopyrenula Cinchonae (Nyl) Dodge

3 Arthonia moribund

4 Coenogonium Linkii Ehrenberg

5 Phaeographis [illegible] Arg; Phaeographina Ernstiana Mull Arg

6 Parmeliella stylophora Vainio

7

8 Leptogium marginellum (Sw) S F Gray

9 Parmelia (Amphigymnia) dominicana Vainio

50 Coenogonium Leprieurii v panniforme Vainio

4551 Arthonia polymorpha Ach.
2 Leptogium azureum (Sw) Mont.
3 Pyxine Cocoes (Sw) Nyl; Pyxine brachyloba Müll Arg
4 Arthonia dispersella Mull Arg
5 Arthonia dispersella Mull Arg
6 Bacidia smaragdescens (Nyl) Zahlbr
7 ~~Phaeographina sculpturata (Ach) Mull Arg~~
8 Opegrapha fertilis Müll Arg
9 Opegrapha (Pleurothecium) acicularis Riddle
60 Opegrapha (Pleurothecium) acicularis Riddle
1 Opegrapha (Pleurothecium) acicularis Riddle
2 Pseudopyrenula confluens Merr.
3 a Arthonia cinnabarina f erumpens Nyl.
4 Collema neglectum Degelius
5 Graphis albida Fink; Minksia irregularis Mull Arg
6 a Chiodecton seriale Ach; Phaeographina polymorpha (Fée) Mull Arg
7 Anthracothecium ochraceoflavens (Nyl) Zahlbr; Opegrapha (Pleuroth) acicularis Riddle
b. Caloplaca diplacia deminuta (Vainio) Zahlbr
8 a Phaeographis albida (Vainio) Zahlbr. Arthonia excedens Nyl
9 Graphina pseudanaloga (Vainio) Zahlbr; a Pseudopyrenula chionea (Mont) Zahlbr
a Phaeographina mesographa (Nyl) Mull Arg
70 Phaeographina ornata Müll Arg, b Graphis glaucescens Fée
1 Porina subfirmula Riddle
2 Caloplaca immersa (Mull Arg) Zahlbr
3 Caloplaca immersa (Mull Arg) Zahlbr immature
4 Collema neglectum Degelius
5

4576 Placynthium or perhaps Massalongia
7 Placynthium
8 Ramalina Berterii Sprgl.
9
80 Parmelia (Ampliqymnia) martinicana Nyl
1 Buellia portoricensis Magn
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7 Ramalina cumanensis Fée
8 Phaeographina rhodoplaca Mullarg
9 Lecanora pallidiflava Fée; Arthonia polymorpha Ach
90 Pyrenula analepta Fée
1 Leptogium corallodeum (Mey & Fw) Vainio
2 Arthonia miserula Nyl.
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7 Graphis rhizocola (Fée) Eschw
8 moribund pyrenocarps
9 ,
4600 Anthracothecium albescens (Nyl) Mullarg

4601 graphina arbonitensis Fink
2 Lecanora pallidiflava Fée
3 Lecanora chlarosterodes Nyl
4 Parmeliella pannosa (Sw) Mull Arg fertile
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6 Anaptychia hypoleuca (Muhlenb) Mass.
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